

**IN THE SPECIFICATION:**

Please insert at page 1, line 2, with the following paragraph:

--Cross Reference To Related Applications

The present application is a continuation of Application Serial No. 09/854,799, filed May 14, 2001, which is a continuation of Application Serial No. 08/392,459, filed February 22, 1995; which is a continuation of Application Serial No. 07/847,018, filed April 8, 1992, now abandoned; which is a 371 of PCT/US91/08525, filed November 14, 1991; which is a continuation-in-part of Application Serial No. 07/698,927, filed May 13, 1991, now abandoned; which is a continuation-in-part of Application Serial No. 07/613,066, filed November 14, 1990, now abandoned.--

Please amend the paragraph beginning on page 8, line 7, as follows:

~~Figure 3 (3-1 to 3-2) illustrates~~ Figures 3A-3B illustrate the nucleotide ~~{SEQ ID NO: 19}~~ and amino acid sequence ~~{SEQ ID NO: 20}~~ of the PCR expression clone AR58-3.

Please amend the paragraph beginning on page 8, line 10, as follows:

~~Figure 4 (4-1 to 4-12) illustrates~~ Figures 4A-4L illustrate the S gene nucleotide and amino acid sequences of DF2 FIPV ~~{SEQ ID N O: 21 and 22}~~. Also illustrated is a fragment of the sequences of DF2-HP ~~{SEQ ID NO: 23 and 24}~~ which are identical to the sequences of DF2 FIPV (to the extent DF2 FIPV has been sequenced) with the exception of the nucleotide changes above and amino acid differences below the DF2-HP sequences.

Please amend the paragraph beginning on page 8, line 17, as follows:

~~Figure 5 (5-1 to 5-12) illustrates~~ Figures 5A-5L illustrate a fragment of the S gene TS-BP nucleotide sequence ~~{SEQ ID NO: 27}~~ and amino acid sequence ~~{SEQ ID NO: 28}~~ by

indicating the positions where the sequences differ from the sequences of TS FIPV {[SEQ ID NO: 25 and 26]}. The entire TS FIPV S gene sequence is provided.

Please amend the paragraph beginning on page 8, line 26, as follows:

~~Figure 7 (7-1 to 7-12) illustrates~~ Figures 7A-7L illustrate the complete nucleotide and amino acid sequences {[SEQ ID NO: 31 and 32]} of FECV S gene.

Please amend the paragraph beginning on page 9, line 3, to read as follows:

~~Figure 9 (9-1 to 9-8) illustrates~~ Figures 9A-9H illustrate the nucleotide and amino acid sequences {[SEQ ID NO: 33 and 34]} of a consensus partial S gene sequence.